

MAY 1 1989

TOWN OF AMHERST

PERC TEST DATA SHEET

DATE 4/14/89 LOCATION BAY Road LOT SIZE _____

OWNER Margaret Jewell ADDRESS 818 BAY Rd TELE # 256-0904

P.E./RS Richard Lewis FIRM Lewis Cook OBSERVED BY David Zarwinski

BACK HOE OPERATOR Don Hess BENCH MARK _____

PERC DEPTH 45" PRE SOAK TIME 8:43 PERC DEPTH 96" PRE SOAK TIME CANT HOLD

TEST CANT HOLD WATER 5" IN 2 MIN.

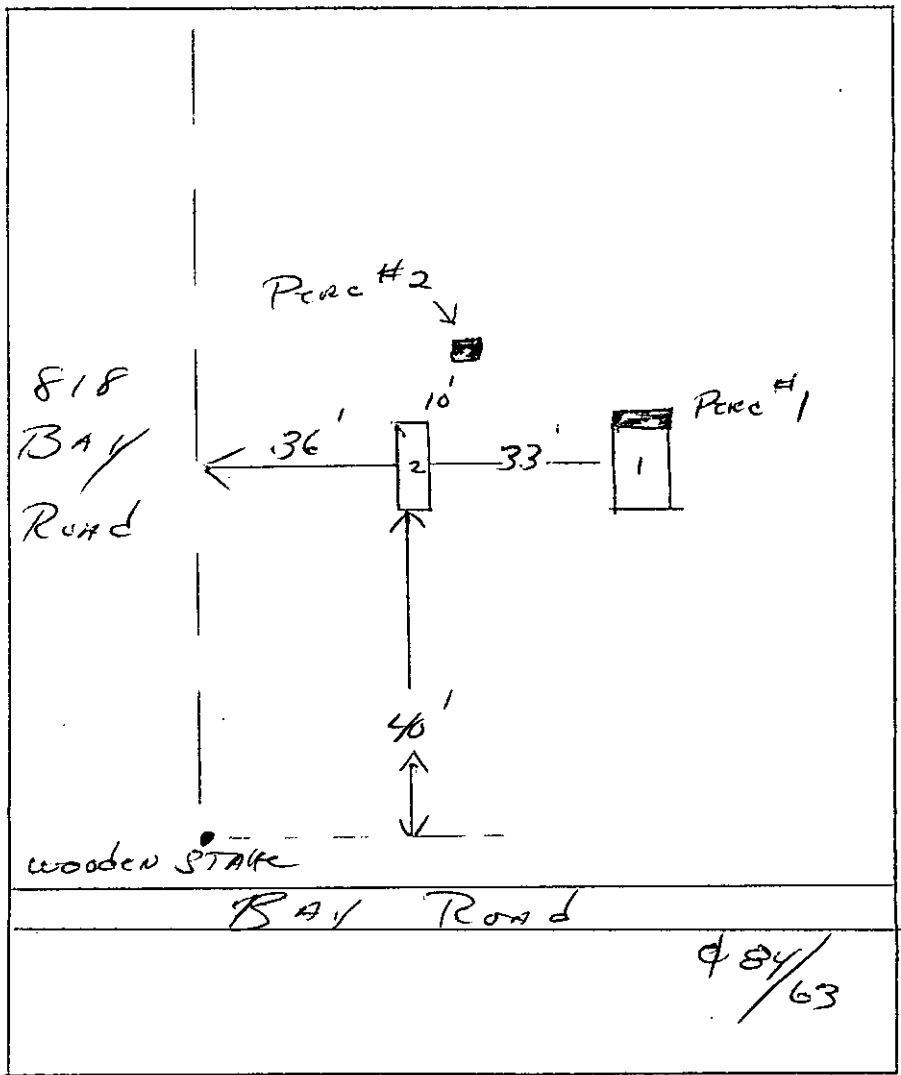
6"-5 min

RATE (2) RATE (2)

#1	#2
TOP 8"	TOP 10"
SUB 28"	SUB 32"
HARD PACKED CLAY w/ SAND 72"	med SAND w/ cobbles
med SAND	
DRY 11'	DRY 10 1/2'

TOP	TOP
SUB	SUB

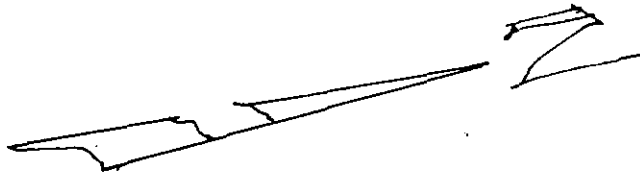
TOP	TOP
SUB	SUB



NOTE: REMOVE HARD PACKED CLAY 10' AROUND ON SEPTIC SYSTEM DESIGN

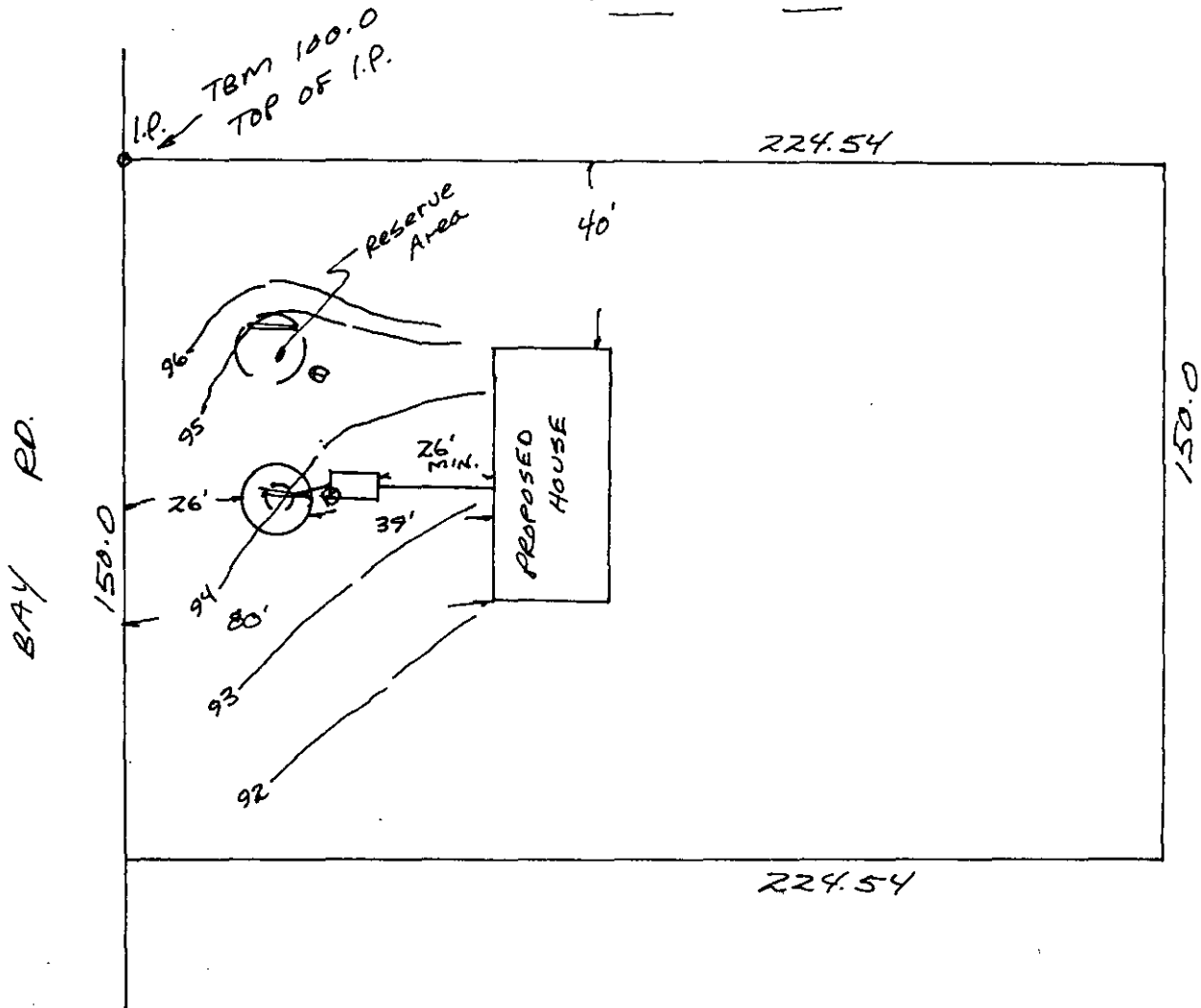
Lot F. 19.2
Bay Rd.

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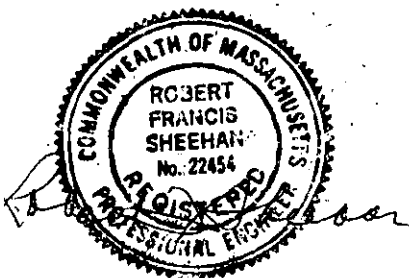


EXISTING CONTOURS

TOWN WATER SCALE 1"=40'



ALL LOAM, SUBSOIL, TREES &
CLAYEY SOIL TO BE REMOVED
WITHIN 10' OF SYSTEM

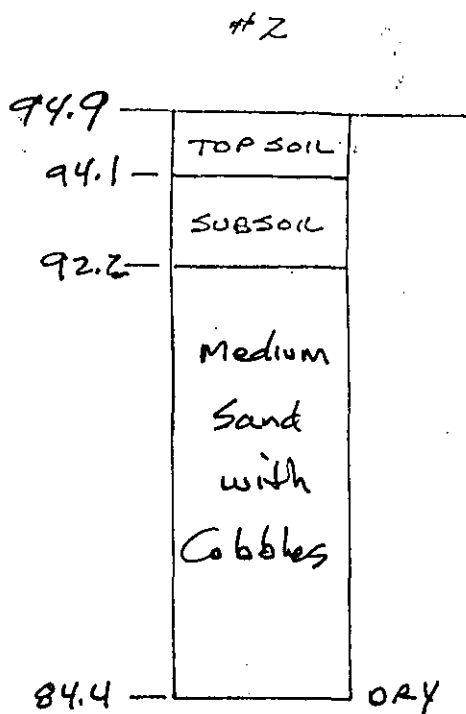
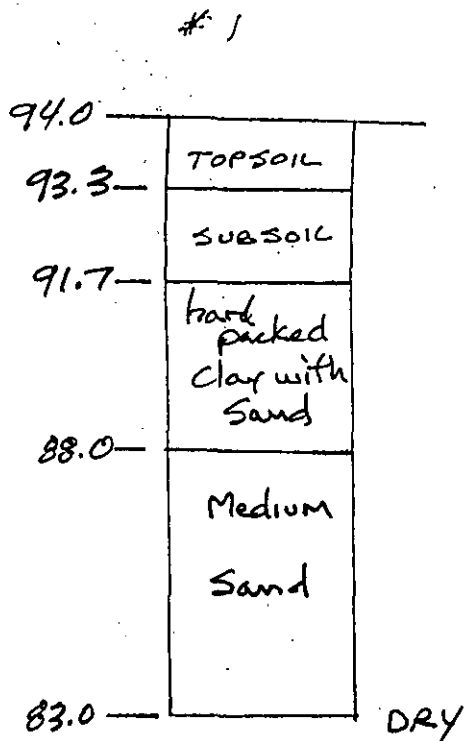




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DEEP TEST HOLES

LOT F
Bay Rd. Pg. 3



CALCULATIONS

BOTTOM AREA (NOT ALLOWED OVER 20.0 min/in) 2.0 min/in = 1.0 gal./sq.ft.

$7' \times 7' \times 3.14 = 153.8 \text{ sq. ft.} \times 1.0 \text{ gal./sq. ft.} = 153.8 \text{ gal.}$

SIDEWALL AREA (NOT ALLOWED IN LEACHING FIELDS)

2.0 min/in = 2.5 gal./sq.ft.

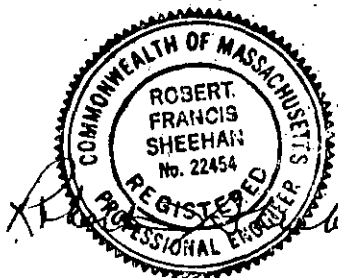
$14' \times 3.14 \times 3' = 131.8 \text{ sq. ft.} \times 2.5 \text{ gal./sq. ft.} = 329.5 \text{ gal.}$

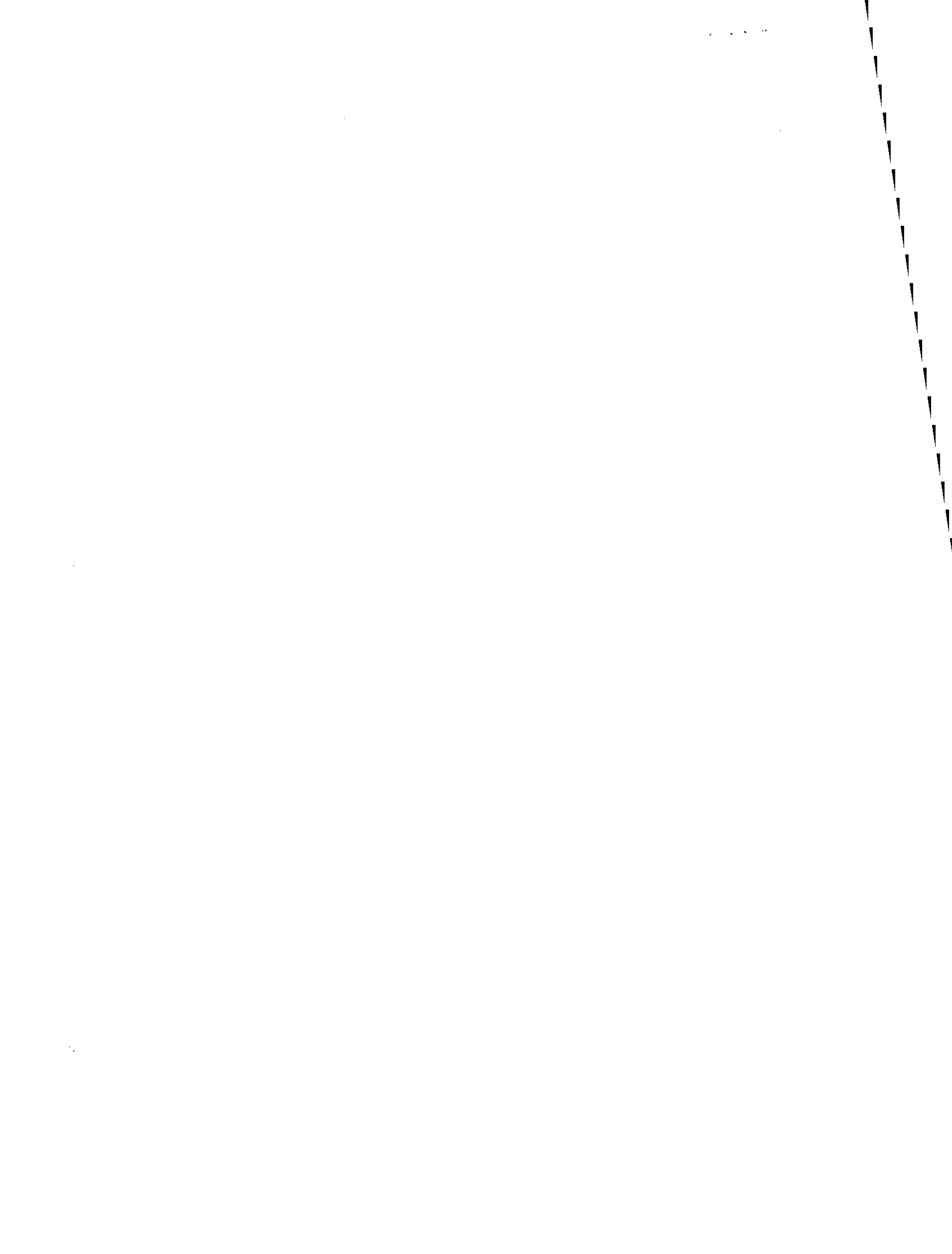
483.3 gal.

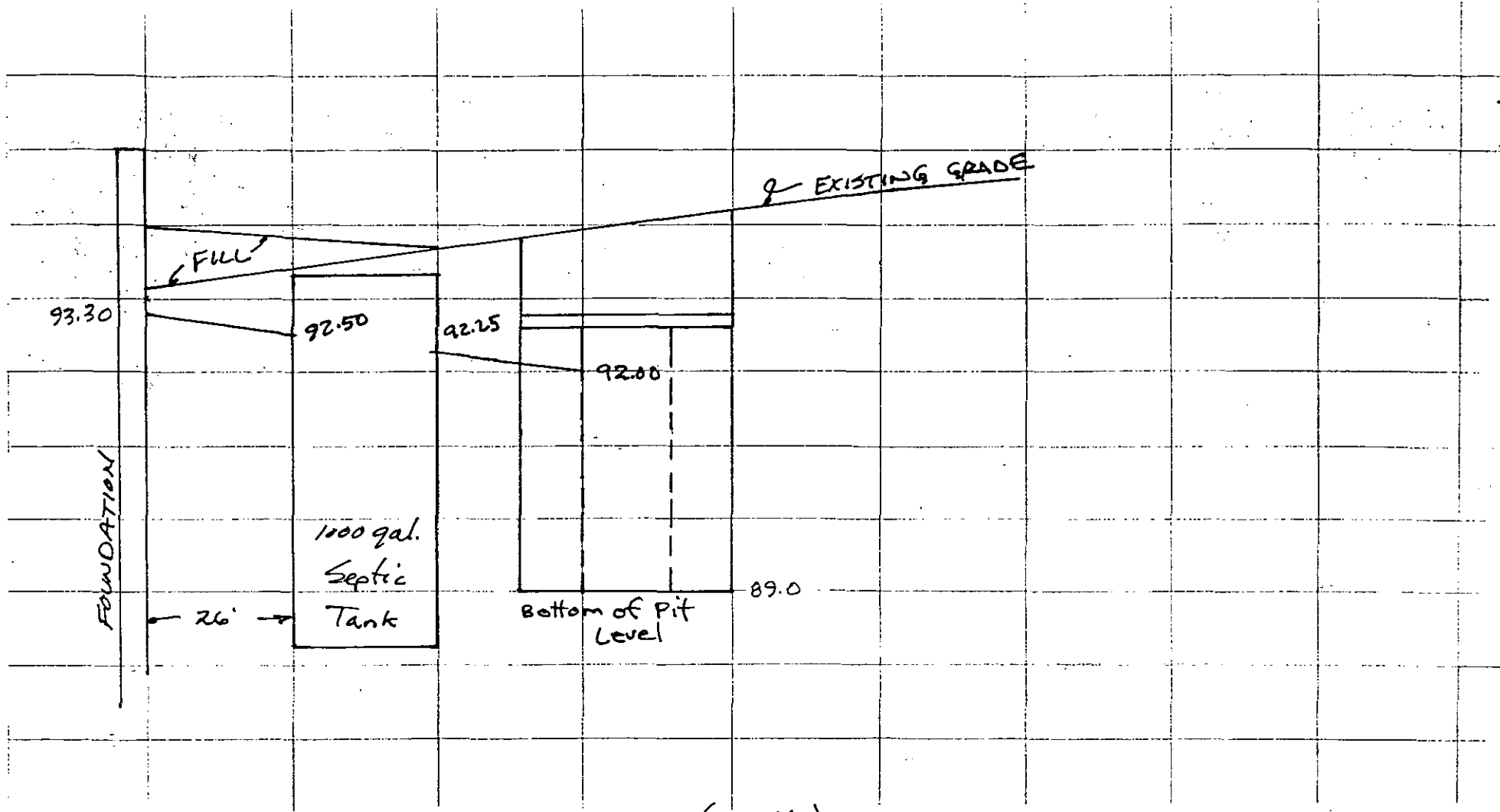
AVAILABLE



$330 \text{ gal.} \times 1.25 = 412.5 \text{ gal. REQUIRED}$







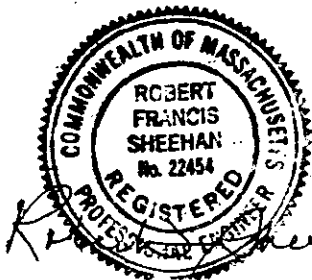
Leach Pit (1-14'dia)

NOTES:

1. SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES (15.6; 8,9 TITLE 5)
2. D-BOX SHALL HAVE 6" SUMP BELOW OUTLET INVERT (15.10; 4 TITLE 5)
3. ACCESS MANHOLE TO SEPTIC TANK SHALL BE TO FINISH GRADE
4. SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY
5. ELEVATIONS ARE TO INVERTS UNLESS NOTED (INSIDE BOTTOM OF PIPE)
6. D-BOX OUTLET PIPES SHALL BE LEVEL MIN. 2.0 FT. (SECT. 15.10; 3 TITLE 5)
7. END CAPS ON PIPES

PROFILE OF SYSTEM

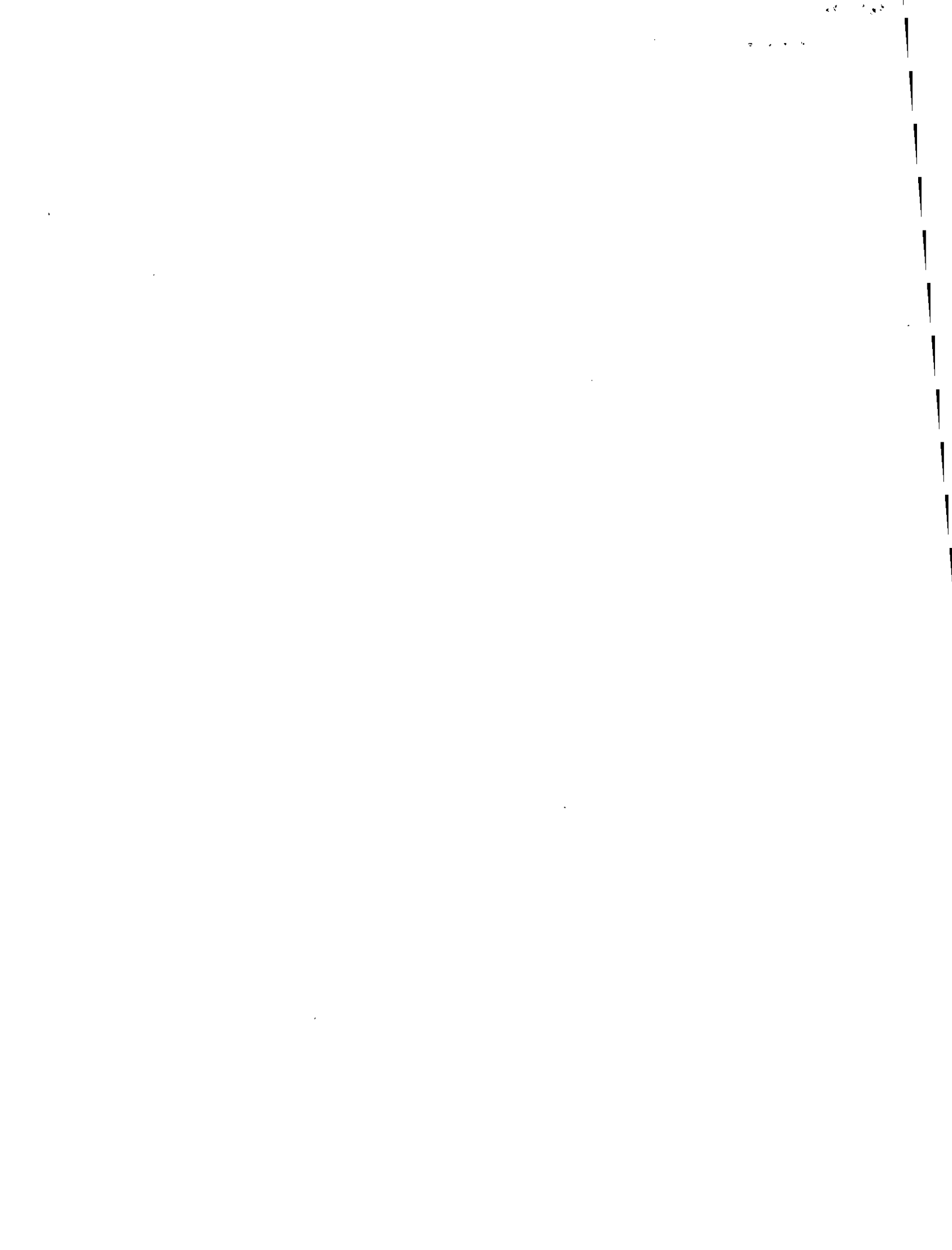
SCALE HORIZ. 1" = 10'
VERT. 1" = 2'

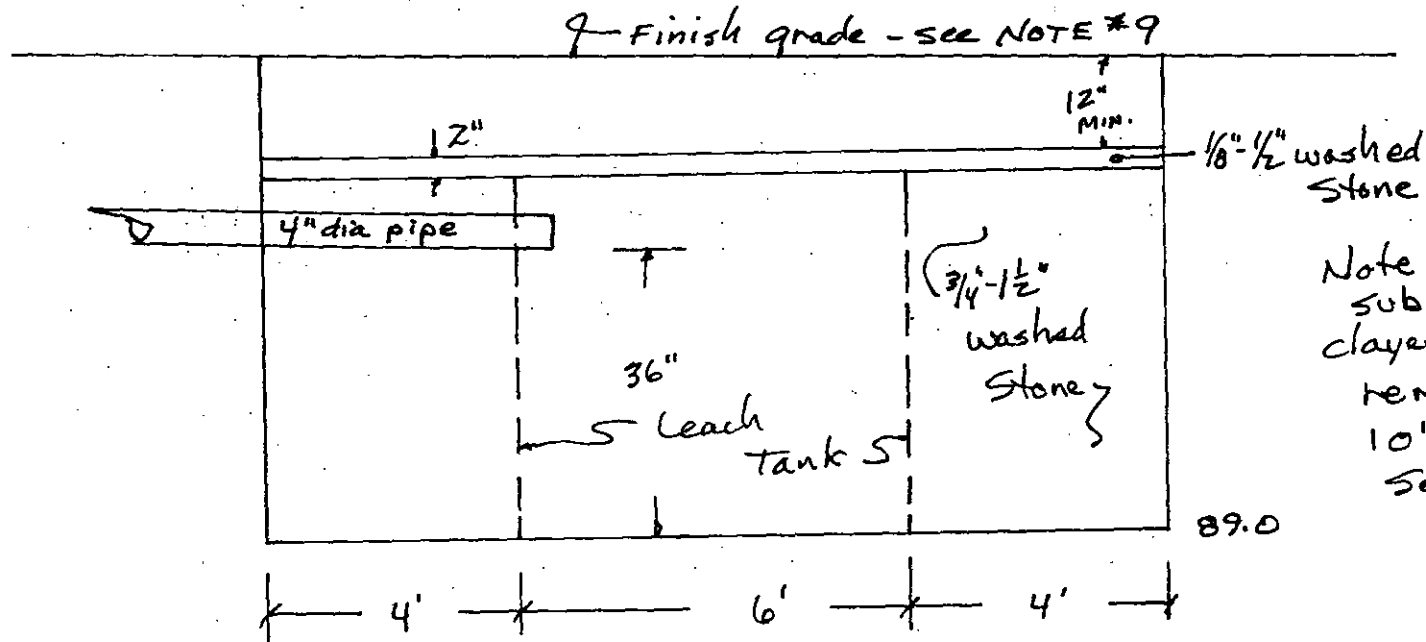


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LOT F
Bay Rd.

Pg. 4



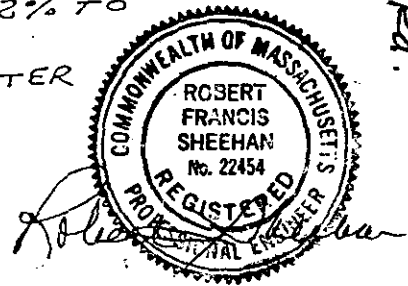


Note - ALL LOAM, subsoil, Trees and clayey soil to be removed within 10' of system. See note #8

NOTES:

8. ALL LOAM, SUBSOIL, AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 10 FT. OF LEACHING FACILITY, SECT 15.02:17 TITLE 5
9. FINISH GRADE ABOVE & ADJACENT TO SYSTEM SHALL SLOPE @ least 2% TO PREVENT ACCUMULATION OF SURFACE WATER.
10. FILL SHALL HAVE PERC RATE OF 2.0 min/in. BEFORE AND AFTER PLACEMENT.

CROSSSECTION OF SYSTEM
NO SCALE



MAY 01 1990

LOT F
Bay Rd.

1000

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